

Study Number: C15011B-02
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Mouse/B6C3F1/N

PA18: Incidence Rates of Non-Neoplastic Lesions by Anatomic Site with Average Severity Grades
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 10/15/2020
Time Report Requested: 11:23:00
Lab: Battelle

Study Number: C15011B-02
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.0.7

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	Male					
	Treatment Groups (ppm)					
	0	150	300	600	900	1200
Disposition Summary						
Animals Initially In Study	11	5	5	11	5	5
Early Deaths						
Euthanized, moribund				11	5	5
Survivors						
Scheduled sacrifice, terminal (SD 15)	11	5	5			
Animals Examined Microscopically	5	5	5	11	5	5
ALIMENTARY SYSTEM						
LIVER	(5)	(0)	(5)	(11)	(5)	(5)
DEGENERATION; CENTRIOLOBULAR				11 [3.5]		
HEMORRHAGE; MULTIFOCAL				11 [3.4]		
PHARYNX	(5)	(0)	(5)	(5)	(5)	(5)
CARDIOVASCULAR SYSTEM						
No Tissues/Organs Examined						
ENDOCRINE SYSTEM						
No Tissues/Organs Examined						
GENERAL BODY SYSTEM						
No Tissues/Organs Examined						
GENITAL SYSTEM						
No Tissues/Organs Examined						
HEMATOLYMPHOID SYSTEM						
LYMPH NODE, BRONCHIAL	(5)	(0)	(4)	(4)	(5)	(5)
LYMPH NODE, MEDIASTINAL	(5)	(0)	(3)	(4)	(2)	(3)
THYMUS	(0)	(0)	(0)	(1)	(0)	(0)
LYMPHOCYTE; ATROPHY				1 [3.0]		
INTEGUMENTARY SYSTEM						
No Tissues/Organs Examined						

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Male						
	Treatment Groups (ppm)					
	0	150	300	600	900	1200
MUSCULOSKELETAL SYSTEM						
No Tissues/Organs Examined						
NERVOUS SYSTEM						
BRAIN	(5)	(0)	(5)	(5)	(5)	(5)
RESPIRATORY SYSTEM						
LARYNX	(5)	(0)	(5)	(5)	(5)	(5)
LUNG	(5)	(0)	(5)	(5)	(5)	(5)
NOSE	(5)	(5)	(5)	(5)	(5)	(5)
OLFACTORY EPITHELIUM; ATROPHY; DIFFUSE		5 [4.0]	5 [4.0]			
RESPIRATORY EPITHELIUM; ATROPHY; FOCAL		1 [1.0]	1 [1.0]			
ATROPHY; NEURONAL		5 [4.0]	5 [4.0]			
OLFACTORY EPITHELIUM; NECROSIS; DIFFUSE				5 [3.0]		
TRACHEA	(5)	(0)	(5)	(5)	(5)	(5)
SPECIAL SENSES SYSTEM						
No Tissues/Organs Examined						
URINARY SYSTEM						
KIDNEY	(5)	(0)	(5)	(5)	(5)	(5)
PELVIS; DILATION	1 [1.0]					
INTERSTITIUM; LYMPHOCYTE; INFILTRATE, CELLULAR	4 [1.0]		1 [1.0]			2 [1.0]
NEPHROPATHY	1 [1.0]				1 [1.0]	

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	Female					
	Treatment Groups (ppm)					
	0	150	300	600	900	1200
Disposition Summary						
Animals Initially In Study	11	5	5	11	5	5
Early Deaths						
Euthanized, moribund				11	5	5
Survivors						
Scheduled sacrifice, terminal (SD 15)	11	5	5			
Animals Examined Microscopically	5	5	5	10	5	5
ALIMENTARY SYSTEM						
LIVER	(5)	(0)	(5)	(10)	(5)	(5)
VACUOLATION; CYTOPLASMIC, DIFFUSE				7 [1.0]		
PHARYNX	(5)	(0)	(5)	(5)	(5)	(5)
CARDIOVASCULAR SYSTEM						
No Tissues/Organs Examined						
ENDOCRINE SYSTEM						
No Tissues/Organs Examined						
GENERAL BODY SYSTEM						
No Tissues/Organs Examined						
GENITAL SYSTEM						
No Tissues/Organs Examined						
HEMATOLYMPHOID SYSTEM						
LYMPH NODE, BRONCHIAL	(3)	(0)	(5)	(5)	(5)	(5)
LYMPH NODE, MEDIASTINAL	(4)	(0)	(4)	(4)	(5)	(5)
THYMUS	(0)	(0)	(0)	(5)	(0)	(0)
LYMPHOCYTE; ATROPHY				5 [3.0]		
INTEGUMENTARY SYSTEM						
No Tissues/Organs Examined						

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Female						
	Treatment Groups (ppm)					
	0	150	300	600	900	1200
MUSCULOSKELETAL SYSTEM						
No Tissues/Organs Examined						
NERVOUS SYSTEM						
BRAIN	(5)	(0)	(5)	(5)	(5)	(5)
RESPIRATORY SYSTEM						
LARYNX	(5)	(0)	(5)	(5)	(5)	(5)
LUNG	(5)	(0)	(5)	(5)	(5)	(5)
HEMORRHAGE; ACUTE				1 [3.0]		
NOSE	(5)	(5)	(5)	(5)	(5)	(5)
OLFACTORY EPITHELIUM; ATROPHY; DIFFUSE		5 [4.0]	5 [4.0]			
RESPIRATORY EPITHELIUM; ATROPHY; FOCAL		3 [1.0]	3 [1.0]			
ATROPHY; NEURONAL		5 [4.0]	5 [4.0]			
OLFACTORY EPITHELIUM; NECROSIS; DIFFUSE				5 [3.0]		
TRACHEA	(4)	(0)	(5)	(5)	(5)	(5)
SPECIAL SENSES SYSTEM						
No Tissues/Organs Examined						
URINARY SYSTEM						
KIDNEY	(5)	(0)	(5)	(5)	(5)	(5)
INTERSTITIUM; LYMPHOCYTE; INFILTRATE, CELLULAR	1 [1.0]					

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LEGEND

Number of animals examined given for each tissue. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion. Mean severity grade denoted by 1 - minimal, 2 - mild, 3 - moderate, 4 - marked.

Number of animals with observation reported with mean severity grade in square brackets

SD – Study Day

Phase day range of terminal sacrifice shown in parentheses in disposition summary

**** END OF REPORT ****